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SECURITY INFORMATION
CENTRAL INTELLIGENCE AGENCY

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COUNTRY Germany (Russian Zone)

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SUBJECT Mobile Decimeter Stations of the Russian Army

NO. OF PAGES 1

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ACQUIRED

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REFERENCE COPYNO. OF ENCLS. 4 (sketches)
(LISTED BELOW)DATE OF
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Attached are schematic

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The sketches show the internal features
of the type-RDS 2 and RDS 3 mobile decimeter stations constructed
by the Radeberg Sachsenwerk for Soviet signal units.

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 Comment. The sketches are not to scale. They represent the
top view, rear view and side views of the radio truck.CLASSIFICATION **SECRET**

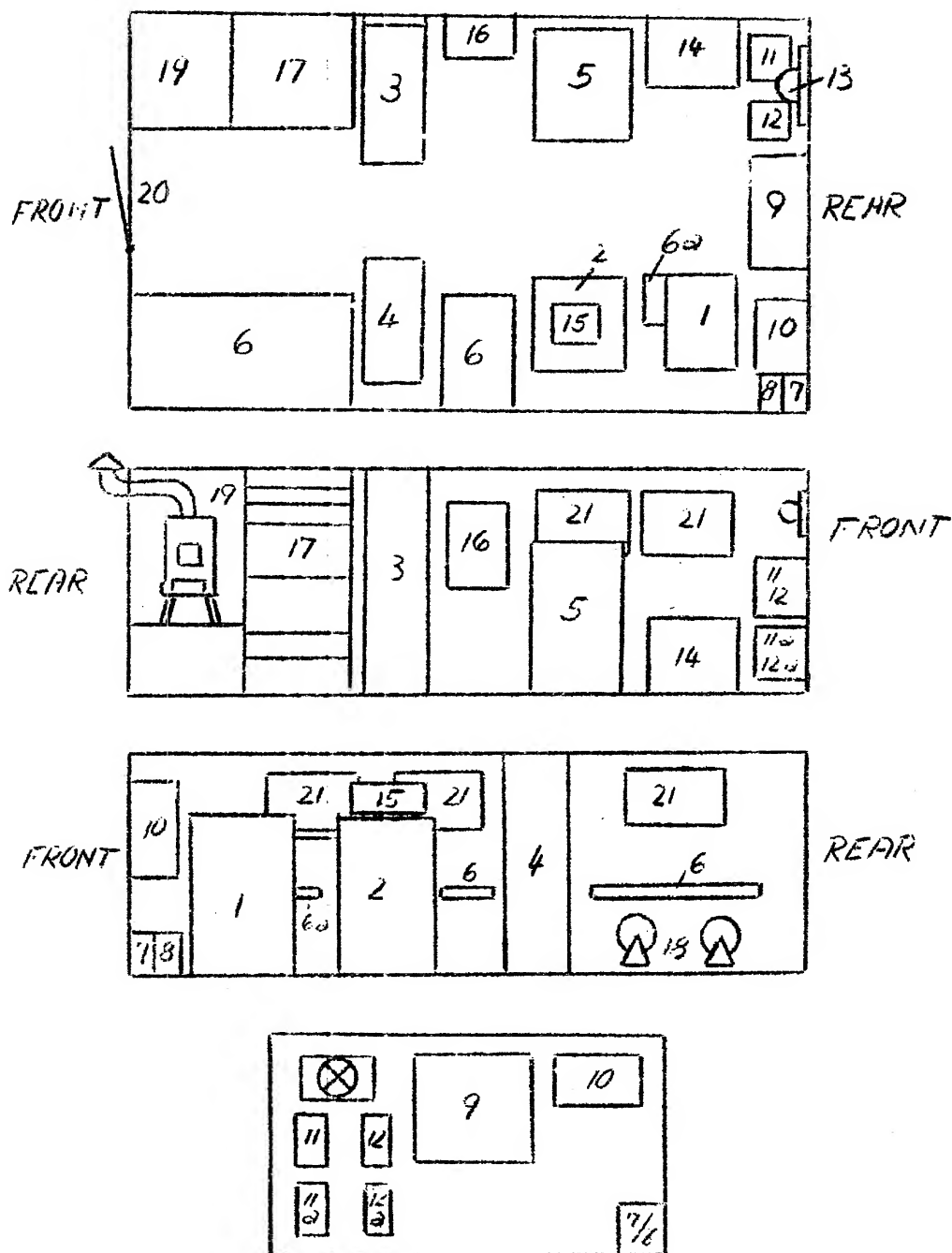
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Annex 1

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RDS 1



Legend: See pages 3 and 4.

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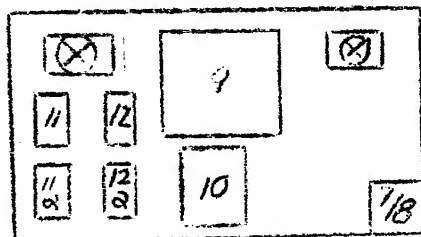
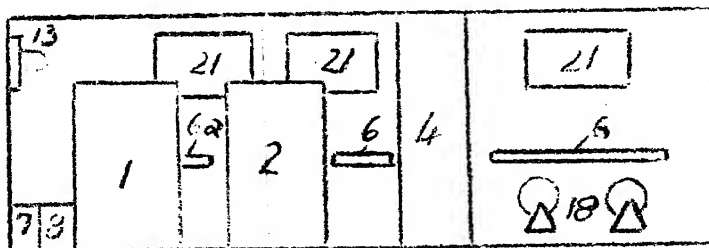
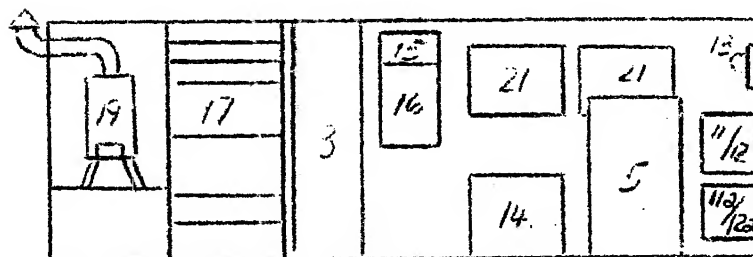
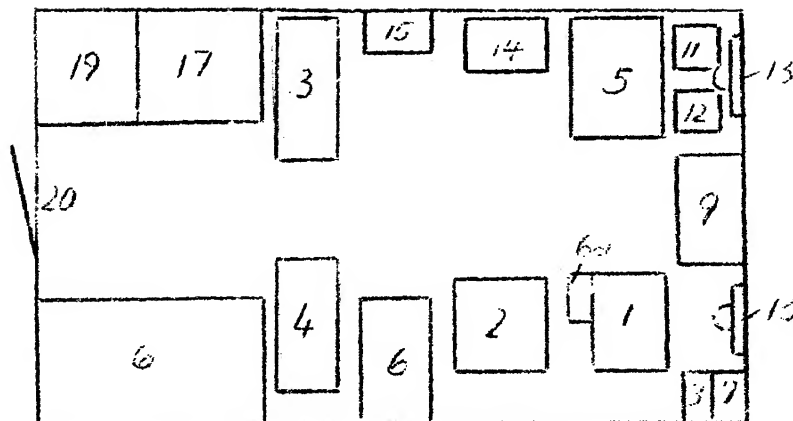
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Annex 2

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RDS 1A



Legend: See page 3 and 4.

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Legend for Annexes 1 and 2

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Legend to type-RDS 1 and RDS 1A Radio Trucks:

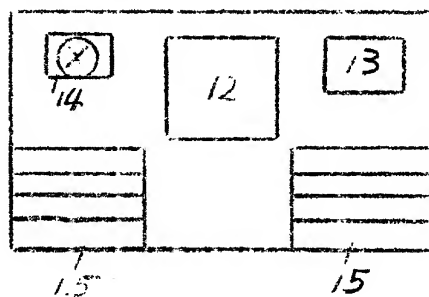
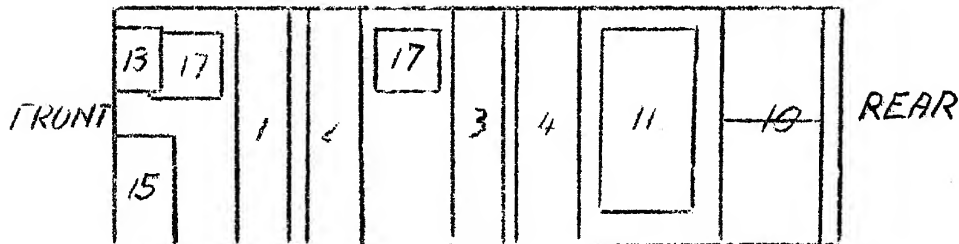
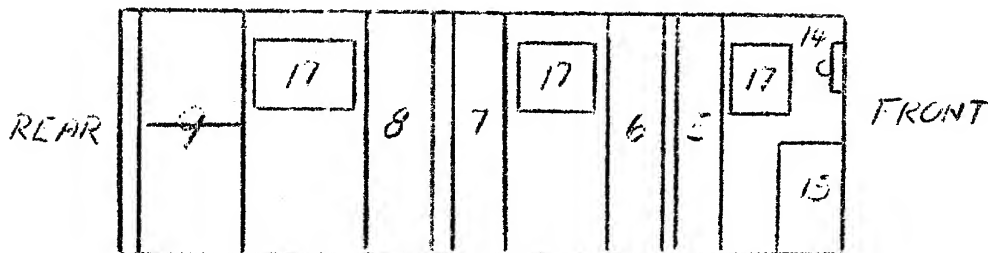
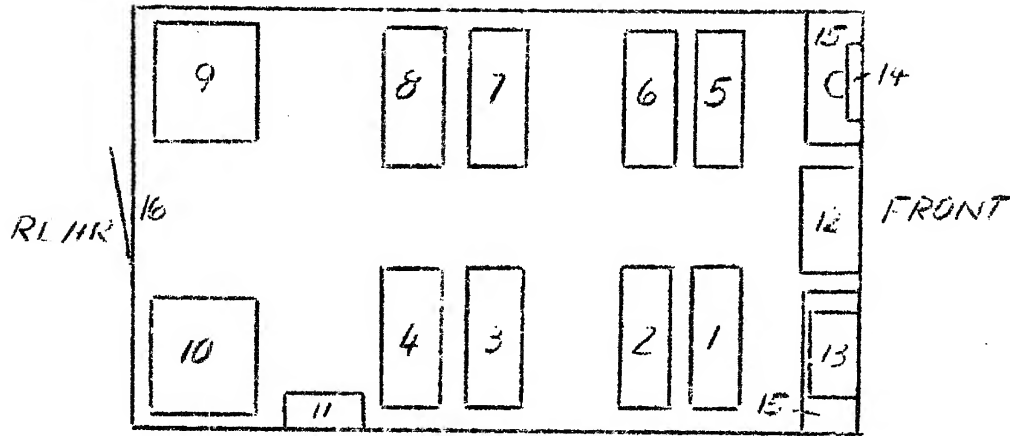
- | | | | |
|-----|--|---|------------|
| 1 | Type-902 C DF equipment, Station No 1 | } | For RDS 1: |
| 2 | Type-902 C DF equipment, Station No 2 | | type-902 D |
| 3 | Type-ME 8 - A ₁ carrier frequency set | | |
| 4 | Type-ME 8 - B ₁ and B ₂ carrier frequency set | | |
| 5 | Type-FT 3 frequency telegraph apparatus | | |
| 6 | Folding tables for type-ST 35 teleprinter | | |
| 6a | Folding table for oscillograph apparatus | | |
| 7 | Type-DT 912 decimeter telephone, A-apparatus | | |
| 8 | Type-DT 912 decimeter telephone, B-apparatus | | |
| 9 | Switchboard | | |
| 10 | Charging device for storage battery installed below the truck | | |
| 11 | Type-902. 168 Pintsch voltage regulator for Station No 1 | | |
| 12 | Type-902. 168 Pintsch voltage regulator for Station No 2 | | |
| 11a | | | |
| and | | | |
| 12a | Type-902. 164 auxiliary equipment for items Nos 11 and 12 | | |
| 13 | Ventilators | | |
| 14 | Bench, with transport case for oscillograph beneath the bench | | |
| 15 | Type-Tp Pz 161 hypsonometer | | |
| 16 | RDS 1 and RDS 1A distributors | | |
| 17 | Cabinet for spare tubes, operating instructions, wiring diagrams, tools and shelves for two type-ST 35 teleprinters. | | |
| 18 | Two cable drums each with 50 meters rubber-insulated cable. Six drums each with 50 meters of antenna cable are stored on the truck roof. | | |
| 19 | Stove | | |
| 20 | Door | | |
| 21 | Window | | |

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Annex 3

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RDS 2



Legend: See next page

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Legend for Annex 3

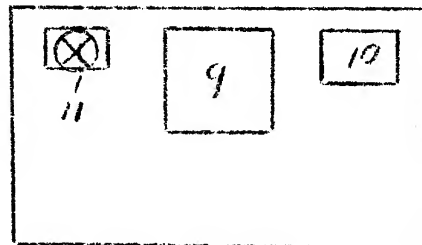
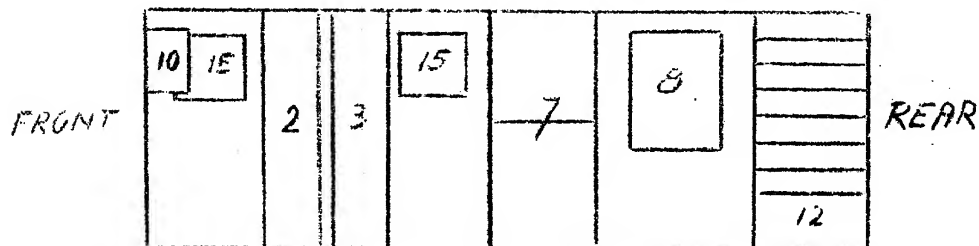
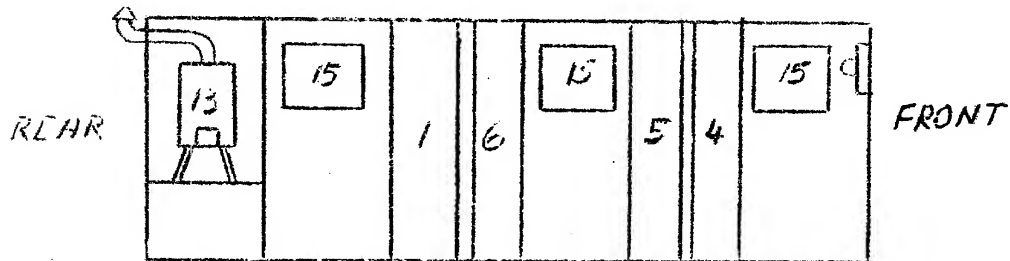
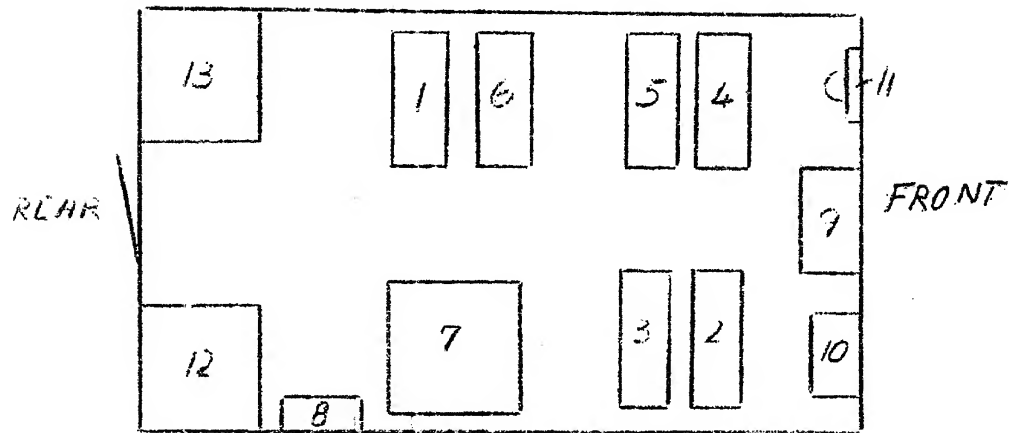
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Legend to type-RDS 2 Radio Truck:

- 1 Type-ME 8 -A₁ and A₂ carrier frequency set
- 2 Type-ME 8 -A₃ and A₄ carrier frequency set
- 3 Type-ME 8 -A₅ and A₆ carrier frequency set
- 4 Type-ME 8 -A₇ and A₈ carrier frequency set
- 5 Type-ME 8 -B₁ and B₂ carrier frequency set
- 6 Type-ME 8 -B₃ and B₄ carrier frequency set
- 7 Type-ME 8 -B₅ and B₆ carrier frequency set
- 8 Type-ME 8 -B₇ and B₈ carrier frequency set
- 9
and
- 10 Type FT-3 double-mount frequency telegraph apparatus
- 11 Type-RDS 2 distributor
- 12 Switchboard
- 13 Charging-rectifier
- 14 Ventilators
- 15 Cabinets for charging-rectifiers and ventilators
- 16 Door
- 17 Window

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RDS 3



Legend: See next page

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not to scale

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Legend for Annex 4

Legend to type-RDS 3 Radio Truck:

- 1 Type-ME 8 -A₁ and A₂ carrier frequency set
- 2 Type-ME 8 -A₃ and A₄ carrier frequency set
- 3 Type-ME 8 -A₅ and A₆ carrier frequency set
- 4 Type-ME 8 -B₁ and B₂ carrier frequency set
- 5 Type-ME 8 -B₃ and B₄ carrier frequency set
- 6 Type-ME 8 -B₅ and B₆ carrier frequency set
- 7 Type-FT 3 double-mount frequency telegraph apparatus
- 8 Type-RDS 3 distributor
- 9 Switchboard
- 10 Charging-rectifier
- 11 Fan
- 12 Cabinet for spare tubes, wiring diagrams, tools
- 13 Stove
- 14 Door
- 15 Window

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